

Queen Pat' Reigns at Ball



JOYCE BAILEY

PAT MURCHIE

CHYLEEN BACON

Men Select Attendants For Loan Fund Dance

Pat Murchie, red haired lovely from Long Beach, Calif., was crowned "Miss Sophomore" at the Sophomore Loan Fund Ball Saturday night.

Named as attendants to the queen were Chyleen Bacon, Hollywood, Calif., and Joyce Bailey, Fountain Green.

Sponsored by Val Hyric social unit and a member of Camd Los social unit, Miss Murchie has served as freshman class senator. The public relations major turned 19 on Friday.

According to the sophomore miss, she is "Happy as Happy" and was thrilled, but amazed, to find she held the honored title of "Miss Sophomore."

Miss Bailey was sponsored by the Athenian social unit and Miss Bacon by the Vikings.

Daily Universe



VOICE OF THE BRIGHAM YOUNG UNIVERSITY COMMUNITY

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2,000 for Research . . .

Foundation Gives Grant for Study

Twenty-two thousand dollars have been awarded by the National Science Foundation to Brigham Young University in form of a research grant for study of "The Gyro-Magnetic Ratio of the Free Electron," announced Dr. H. Tracy Hall, director of research at BYU recently.

Included in the grant are two fellowships for graduate students. One has been awarded to E. Jones. The other grant has not yet been chosen.

Gardner to Direct
Dr. John Gardner, associate professor of physics, will direct use of the grant.

"The gyro-magnetic theory of free electron is one of the fundamental atomic constants in which our physical theories are based," stated Dr. Gardner.

Interest Shown
"Considerable interest has been shown in this particular experiment in recent years because of its importance to the quantum theory of the electro-

magnetic field."
The free electron is one that has been separated from the nucleus of the atom. It gyrates or spins, and has a magnetic force around it.

Help Expected
The results of the research are expected to help give a more solid foundation to theoretic physics.

"The method of attack," stated Dr. Gardner, "will utilize the principle of cyclotron resonance together with that of gyro-magnetic resonance. The instrument might be thought of as a miniature cyclotron."

'Not New'
Magnetic movement of the electron offers technical direction for the researcher, who is a Harvard University Ph.D. graduate. While there, his work resulted in one of the numbers used in the problem by Kusch at Columbia University, for which Kusch won the Nobel Prize.

A member of the BYU faculty since 1949, Dr. Gardner was granted leave of absence for two years in 1955 for research at

Raimo-Woodbridge Corp. in Los Angeles.

Dr. Gardner is now a consultant to that organization, which offers technical direction for the intercontinental ballistics missile and act as advisors to the Air Force in this program.

Berrett to Address Student Assembly

Dr. William E. Berrett, vice president of Brigham Young University in charge of religious education, will speak at the Tuesday devotional assembly.

Considered to be one of the foremost scholars in the church, President Berrett has written numerous books on Church re-

lated subjects.
He is also a vice president of the Church educational system, with the assignment of religious education.

Elder Berrett started teaching seminary in 1925 after graduating from the University of Utah in 1924. He received a LL.B. degree from the same uni-

versity in 1933.

Berrett has written nine books on religious subjects, co-authored seven more, and written numerous articles for magazines including the Improvement Era.

His books include "The Restored Church," "Doctrines of the Restored Church," "Teachings of the Book of Mormon," and "The Gospel Message." All have been widely used throughout the LDS Church. Other Berrett written books include several Sunday School and Priesthood lesson texts.

President Berrett has served two terms on the General Sunday School Board, from 1937 to 1945, and in 1953 he was again appointed to that group. He has served as a Branch President and a member of the East Millcreek Stake Presidency.

MIA Chiefs Book Meet for Officers

Brigham Young University Stake Mutual Improvement Association leadership meeting will be held 7 p.m. Monday in the Multi-Purpose Room of Smith Family Living Center.

Stake board is dramatizing a model MIA in addition to departmental work, stated Lallie Brown, YWMA president.

All ward MIA officers and teachers should be in attendance. It is suggested by all the board that officers and teachers send representatives if they cannot attend.

'Daily Universe' to Give Names Of Thirteen Most Wanted Men

Thirteen preferred men selected by the Associated Women Students of Brigham Young University will be announced in the weekly edition of the Daily Universe.

Women balloted for a preference Oct. 31, Nov. 1 and 2.

Universe Calls Meet

Important business meeting for all Daily Universe staff members will be held Monday at 4:15 in the Daily Universe office. Staff members who have made most outstanding contribution for the week will be awarded. According to Mark Murphy, editor, all reporters, receptionists, feature writers, photography members could be present.

They also made preferences as to three men of their choice to be their date to the Annual Preference Ball which will be held Nov. 15.

Tickets go on sale Monday through Thursday for women to purchase at \$1 couple.

According to Donna Daniels, Preference Ball chairman, men and women were contacted Saturday concerning date preferences. Men are encouraged to contact their date by Tuesday. After this date women are free to personally invite dates to the dance.

Approximately 2250 male students received invitations by mail to the ball over the weekend. Women students were contacted Saturday concerning their preference date.



DEVOTIONAL SPEAKER—Dr. William E. Berrett, vice president of Brigham Young University in charge of religious education, will speak at devotional assembly Tuesday morning in the George Albert Smith Fieldhouse.

Dogs Tree Cats, 27-14 . . . (See p. 4)



OWL FEST—A bird in the hand . . . is worth seeing, according to Pat Brimhurst, California senior, who holds one of the live game birds on exhibit in Brimhall Building. Show includes pheasant, quail, ducks and partridge.

Display - For the Birds

Are you sure before you . . .
Not better take a look at
now on display on the
ground landing of Brimhall
at Brigham Young University.

ing-necked pheasants, California quail, mallard ducks, and quail partridge, have been taken to the school for display. Fish and Game Farm at said.

J Plans Activities too . . .

Nation Observes Education Week

By Dave Lee
Daily Universe Writer

An Educated People Moves
Forward" is the theme
dictated by President Dwight D.
Eisenhower in declaring Nov. 10
to 16 as American Education

urpose of the week is to
bring to the minds of the public
the importance of education and our
responsibility to it.

any activities are planned
American Education Week
Brigham Young University
pus by faculty and students
HIGHLIGHT OF the week will
be a meeting Wednesday at 7:30
in 1100 Smith Family Living
Center. Featured speaker
be Miss Dorothy Zimmerman,
retiring president of Utah
Education Association.

Miss Zimmerman is well-
known as both a teacher and an
author, and has traveled exten-
sively this past year represent-
ing the State of Utah in Nat.
Education circles.

KBYU
Program Schedule
Dial 660

LOG FOR MONDAY
8:00 p.m. Spenser's Spinners
8:10 Evening News Report
8:15 Forward March
8:20 Reader Mail
8:30 Program Bureau Shows
9:00 The War Years
9:10 New York Sounds
9:15 Requestfully Yours
9:20 News
9:25 Ray Orr

Springville, according to Elbert
R. Simmons, instructor in zo-
ology and ornithology at BYU.

Proclamations for the hunting
of these birds will also be on
display since duck, pheasant,
quail, and chukar partridge sea-
son is now underway.

Display will remain in the
Brimhall Bldg. until Tuesday or
Wednesday, depending upon the
reaction of the birds, Simmons
said.

THURSDAY HAS been set a-
side as "National Teachers Day,"
and Student Education Association
will honor three BYU profes-
sors who have been chosen by
students as their "Favorite
Teachers;" awards will be pre-
sented to winners.

According to Jefferson N. East-
mond, coordinator of Off-Campus
Relations of BYU Education
Department, special meetings
will be held in honor of teachers
on campus. Displays and exhibi-
its will be seen in corridors and
many BYU students will partici-
pate in public school assign-
ments.

'Where's Pony Tail?' Says Bill

Playing the role of Cupid, the
Daily Universe is looking for a
coed by the name of Barbara L.
Phillips, brown eyes, glasses,
with a pony tail, dimple in chin.
Friday the Studentbody offi-
cers received a letter with the
above written on the front of the
envelope.

As great believers in matri-
mony, the Universe appeals to
Miss Phillips to write to an evi-
dent homestick missionary. His

Daykin's
SHOE REPAIR
89 North University
Across from the
First Security Bank

Drama to Present 'Caesar' Tragedy

by Dayton Nuttall
Daily Universe Writer

Brigham Young University
presentation of Shakespeare's
tragedy, "Julius Caesar," will be
presented in the Smith Auditor-
ium Wednesday through Satur-
day. Tickets for the drama spec-
tacular are available in the
Smith Building.

Those attending are invited to
be in their seats by 8:15.

DIRECTED by Dr. Harold I.
Hansen, it will be one of the big
gest budget shows of the year.

Wardrobe mistress Dorothy
Whitaker and her capable crew
have had a full schedule for the
past four to five weeks creating
the costumes and props that will
go into the making of this play.

Miss Whitaker has four coeds
as her assistants and volunteers
Neil Barth, Warren Luke, and
Grant De Bry, who are making
the props.

The armor used in the battle
scenes of the 17th century play
is made by a very interesting
process using a chemical known
as Celastic. A stiff, flannel-like
material is saturated with the
chemical and then placed over a
model of the armor and allowed
to dry.

AFTER the drying process,
the pieces of armor are painted
and treated to look like metal
that has begun to oxidize. Metal
and leather trimmings are added
and the end result is a very real-
istic reproduction of the armor
used during the Shakespearean
period.

Miss Whitaker stated that
when these suits are used along
side an actual metal suit an stage
it would take almost an expert
to detect any difference between
the two.

Striking colors are used in the
costumes. There are yill shades
of gold, velvet, reds, and silver,
among others.

AS AN EXAMPLE, Caesar's
costume will be created out of
copper crystalite with over-
dresses of lavender velvet. There
will be a different color for each
of the four armies in the battle
scenes.

The scenery being used is

known as platform scenery. It
will consist of cut-out units, sit-
tounded against the sky for the
battle field and Caesar's palace.
An impressive fountain has
been made by the scenery de-
partment to be used in the fun-
eral oration scene. The fountain
and several of the other props
look like real marble.

The scenery crew has done a
remarkable job in the record
time to two weeks. No backdrops
are used in the play.

LIGHTING WAS designed by
Carl White and is being set up
by Ray Marshall, an electrical
engineering student. The light-

ing will play an important part
in carrying the mood of the play
along with the cut-outs.

There will be very few in-
stances where the entire stage
will be lit. The effect will be
made by concentrating the illu-
mination on small areas of the
set.

A lot of credit is due these ex-
cellent craftsmen who have
worked many long and hard
hours on costumes and set de-
sign.

Each of the various depart-
ments welcome anyone who
would be interested in working
with them.

BOY AND GIRL



BY ROUSON



Rooker Takes Contest

Winner of full quarter tuition
in the Donald C. Sloan Extem-
poraneous Speaking Contest held
Thursday was Keith Rooker,
junior pre-law student from Mo-
desto, Calif.

Rooker's topic was "What is
the Constitutional Significance
of the Little Rock Affair?"

Second place winner of \$50
tuition was George Mangus, ju-
nior pre-law student from Dodge
City, Kans. with the topic
"What are the Financial Prob-
lems of Higher Education in
America?"

GEORGE Clendenin, junior
pre-law student from Modesto,
Calif., may choose volume of his
choice as third place prize with

Club Presidents to Meet

Geographical club presidents
of their representatives will
meet with Inter-Organizational
Council Monday evening. Plans
call for a one-hour meeting from
8-9 in 149 North Bldg., accord-
ing to Scott Morgan.

topic, "The Role of Egypt in the
present Middle East Contro-
versy."

Before over 100 students and
faculty, five finalists chosen
from sixteen original entrants
presented their extemporaneous
speeches.

Artists Advised to Attend

Artists and cartoonists who
have signed, or desire to sign
for work on Daily Universe, are
advised to attend staff
meeting Monday at 4:15 p.m.
in Room 144 Clark Student
Service Center basement.

Those unable to attend may
contact Bob Koenig, Ext. 2667,
for assignments.

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Another KEY Feature

Gatos Win; Cats Get Whipped

Fumbling Kittens Hand MSC First Setback in Six Contests

Brigham Young University's Kittens invaded cold but sunny Bozeman, Mont. Friday to outlast the Bobkittens 27-12.

The fighting Gatos came out on the long end of the score despite a seige of fumbles and a rash of penalties. Kittens' first score came when halfback Hal Lewis raced 60 yards after taking a pitchout from quarterback Gary Dunn. Dunn kicked the conversion and Kittens led 7-0 midway in the first period.

Dunn set up the Kittens' second TD as he threw to halfback Gary Beckerstedt who ran it to the MSU 10. Halfback LaVere Simon scored two plays later on

a right end reverse. Score: 13-0. A Joe DeGennaro loss to and Lynn Mathie scored minutes later but was called back after illegal procedure was called on BYU.

Montana Bobkittens bounced back as Bob Williams raced to BYU's two-yard line shortly before the half. Don Mullen took a pitchout and raced over.

Last half was marred by fumbles and incomplete passes as the Kittens held MSU for four downs on a brilliant goal line stand in the third period only to fumble behind their own goal line seconds later. Bobkittens recovered, missed the conversion and the score was tied 13-13.



Joe (Machine Gun) McGinnis—promising sophomore halfback.

Hartt to Heart

by Hartt Wisom



Current sports scene at Brigham Young University includes King of the Mountain, variety of intramurals ranging from golf to table tennis, pheasant and deer hunting and speculation about 1957-58 basketball.

This leaves little reason why every red-blooded BYU student shouldn't be enthused in some phase of athletic endeavor.

Yet, many students show an appalling lack of desire to follow either on- or off-campus sports. What is the problem?

We are convinced that the problem is a lack of understanding. As one potential fan of Skyline football reports said the other day, "I just don't understand football."

It seems that those who understand sports terms frequently used in the newspapers are in the "know" and those who don't are just left out.

DON'T FEEL LEFT OUT

Those left out can't "know" in one day, or even two days. But, it shouldn't take much longer to learn some of the fundamentals.

Football teams as they shoot for a first down frequently use up their allotted four downs by plunging through the center of the line. This isn't done to make the game dull from lack of fancy aerials and backfield trickery. It's simply safe, practical thinking.

Shortest distance between two points is a straight line.

Picking up three yards each carry will give a team 12 yards every four downs. At this rate an eleven could pick up the 10 yards necessary for a first down easily and keep picking them up until they cross the goal line.

COEDS DON'T KNOW

Another problem area, especially for Coeds, is the kickoff. Offensive team after kicking lets the ball roll as far as it will. Defensive team will often let the ball roll to avoid being injured—which is sure to happen if one of them dives for the ball.

"Fair catch" means receiver has signalled desire to catch ball, but not to run it back. Ball will then be placed down where caught.

After the kickoff, ball will either be allowed to roll "dead" or be picked up by receiving team to be run back. In either event play will proceed with offensive team allowed four plays to advance the ball ten yards. If they fail to do so the defending team takes over first down and ten yards to go.

Sports Briefs . . .

Fullmer Fight Booked; PCL Gets Change

by International News Service

A FORMER champion, Middleweight Gene Fullmer of West Jordan, Utah, continues his comeback campaign Friday (NBC) when he meets Neal Rivers of Las Vegas, Nev., in a 10-rounder at Madison Square Garden.

Fullmer, whose four-month reign as Middleweight Champ ended May 1 when he was knocked out by Ray Robinson, has defeated Ralph (Tiger) Jones and Chico Vejar since then.

BLOOMINGTON, Ind., (AP)—Indiana's football fortunes continued to sink with the announcement that four players have dropped out of school but were bolstered somewhat by the appointment of Bob Dro, one of the Hoosiers' all-time athletic greats, as head recruiter.

NEW YORK, (AP)—Realigning of the Pacific Coast League was discussed at a top-level meeting in New York, but apparently some of the top minor leagues also may be reshaped before the next baseball season rolls around.

Never buy a Diamond unless you know something about it. Come in — we will give you some facts to think about.

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Jewelers

Late Bulldog Explosion Giv Fresno Hard-Earned Victory

by Jerry Cunningham
Daily Universe Sports Editor

Brigham Young's attempt to beat Fresno Saturday night went to pot—Dean Philpott.

THE BULLDOGS' battering fullback thrilled a near-capacity crowd in Ratcliffe Stadium as he spearheaded a stirring finish that turned what appeared to be a Fresno loss into a resounding 27-14 verdict over a dazed Brigham Young team.

Late in the last quarter it looked like the Cougars had it in the bag. The visiting Brigham had fought courageously in coming from behind twice to overhaul the Bulldogs 14-13 and were nursing the one-point lead with four minutes left and Fresno 96 yards from a touchdown.

But the stubborn Mutts refused to be beaten and drove nearly the length of the field to take the lead 20-13 with 1:30 showing on the clock.

ON FIRST play after the ensuing kickoff Fresno's 300-pound pile-driving Philpott poured salt into the Cougar's smoldering wounds by intercepting a pass and logging it to the BYU nine, plunging across seconds later.

Philpott was a one-man gang. He did everything but take care of the first-down markers, scoring three of Fresno's four touchdowns, intercepting a key pass,

punting for good distance, kicking three conversions.

BYU WAS outplayed in an utterly every category by an demented Fresno team, and the Cougars had plenty chances of winning it.

With less than a minute in the game ends Tom Clark, R. K. Brown pounced on a 10 no fumble just 15 markers shy dirt.

The Cougars muffed a break as Fresno's line defended and held on the five.

BYU fell short again in second period. The Cougars, lated a 61-yard drive which, highlighted by fine running, Keith Hubbs and a 40-screen pass play from quarterback Wayne Startin to fullback Steve Campa.

On Fresno's four-yard drive, three cracks at end zone and failed, the Bulldogs taking over on their two.

Fresno scored first on a yard drive with Philpott cutting over from the one.

The Cougars went ahead in the second quarter by taking Fresno's kickoff and driving yards for the touchdown. Don Jackson, Raynor Pearce, Keith Hubbs made signals, gaining with Carroll Johnston a 25-yard pass to Ray Brown for the TD.

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10-word Minimum

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CLEAN 2 room apartment ground floor, close to campus, ideal for couple. Call 809-9464. 12N

MODERN apartment. Space for two girls. Convenient location. 723-9647. 12N

NEED 1 to 3 girls to share apartment. Rates \$15-20 and \$22-50. Inquire 80 East 10th North. Apt. 3. 12N

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SHIRT laundry and ironing. Very reasonable. Paid service. 723-0184. 12N

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